

## Lloyd's Register of Shipping

Index No.

For London Office (only) APR 1961

## SURVEYS FOR FREEBOARD.

19 DEC 1960

(CONDITIONS OF ASSIGNMENT.)

L.L. 80

Ship's Name **M.V. "LENGKENG"**Port of Survey **GDYNIA, POLAND**

Official Number

Surveyor's Signature

*J. J. (M. Pycinski)*

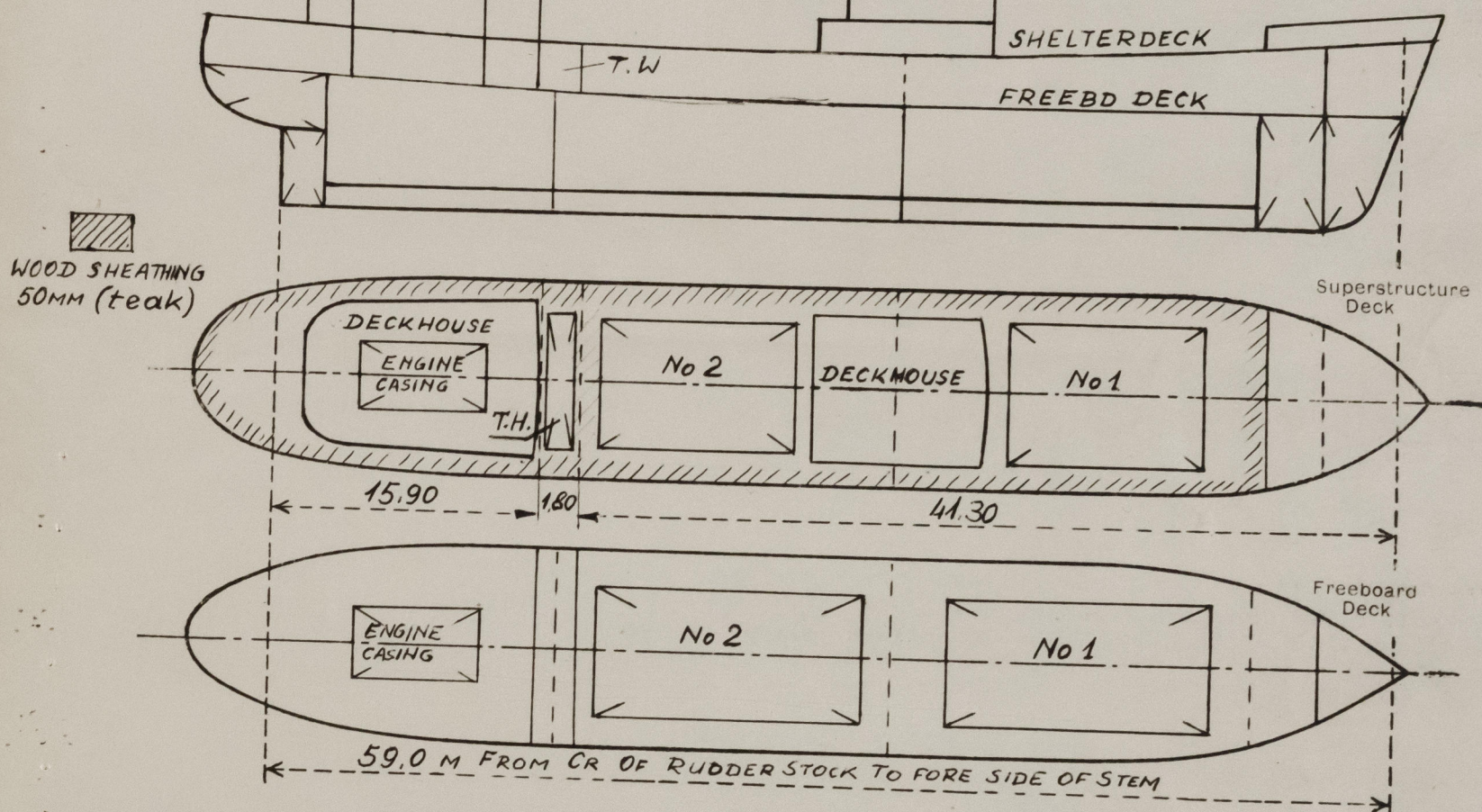
Nationality and Port of Registry

**Indonesian  
Djakarta**

Date of Survey

**November, 1960**

Disposition and dimensions of superstructures, trunks, deckhouses, machinery casings and wood sheathing to be inserted in the diagrams and tabular statement :-



For detailed dimensions see C11 (comp)

## Particulars of Superstructures, Trunks, Casings, Deckhouses.

	Coaming M/M	Plating M/M	Stiffeners M/M	Spacing M/M	End Attachments of Stiffeners	Size of Openings M/M	Height of M/M	Height, Beam M/M
Poop Bulkhead (T.W.)	-	7	75x50 x 6/8	750	None	2 Openings 1500x1000	240	2200
Raised Quarter Deck Bulkhead	-	7	75 x 50 x 6/8	750	None	2 Openings 1500x1000	240	2200
Bridge, After Bulkhead (T.W.)	-	7	75 x 50 x 6/8	750	None	2 Openings 1500x1000	240	2200
Bridge, Forward Bulkhead	-	7	75 x 50 x 6/8	750	None	2 Openings 1500x1000	240	2200
Forecastle Bulkhead (Superimposed)	6	6	75 x 50 x 6	850	E.W. Top and Bottom	1300x650	630	2200
Trunk Aft								
Midship Deckhouse	Front 8	8	75x 50x 8	720	E.W. Top & Bot.	None	460	2200
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	Sides 7	7	75x 50x 8	600	Bkts top E.W. Bot.	1450x650	460	2200
Exposed Machinery Casings on Superstructure Decks								
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	8	5	75 x 50 x 8	600S Bkts Top	650E Contin	Bot. 1650 x 600	230	-
Aft Deckhouses	Front 7	7	75 x 50x8	650	E.W. Top & Bot.	None	460	2200
	Sides 7	7	75 x 50x8	600	Bkts Top E.W. Bot.	1450x650	460	2200

## Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead (T.W.) Portable steel plates 6mm thick, secured by hook bolts, spaced min. 300 mm apart (Class II)

Bridge, After Bulkhead (T.W.) Do.

Bridge, Forward Bulkhead

Forecastle Bulkhead (Superimposed) Hinged steel WT doors operated both sides (Class I)

Exposed Machinery Casings on Freeboard or Raised Quarter Decks

Exposed Machinery Casings on Superstructure Decks

Machinery Casings within Superstructures not fitted with Class I Closing Appliances

Deckhouses

Hinged steel doors, operated both sides.  
Hinged hardwood doors 50mm thick, operated both sides  
and hinged steel WT doors operated both sides.

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19 DEC. 1960



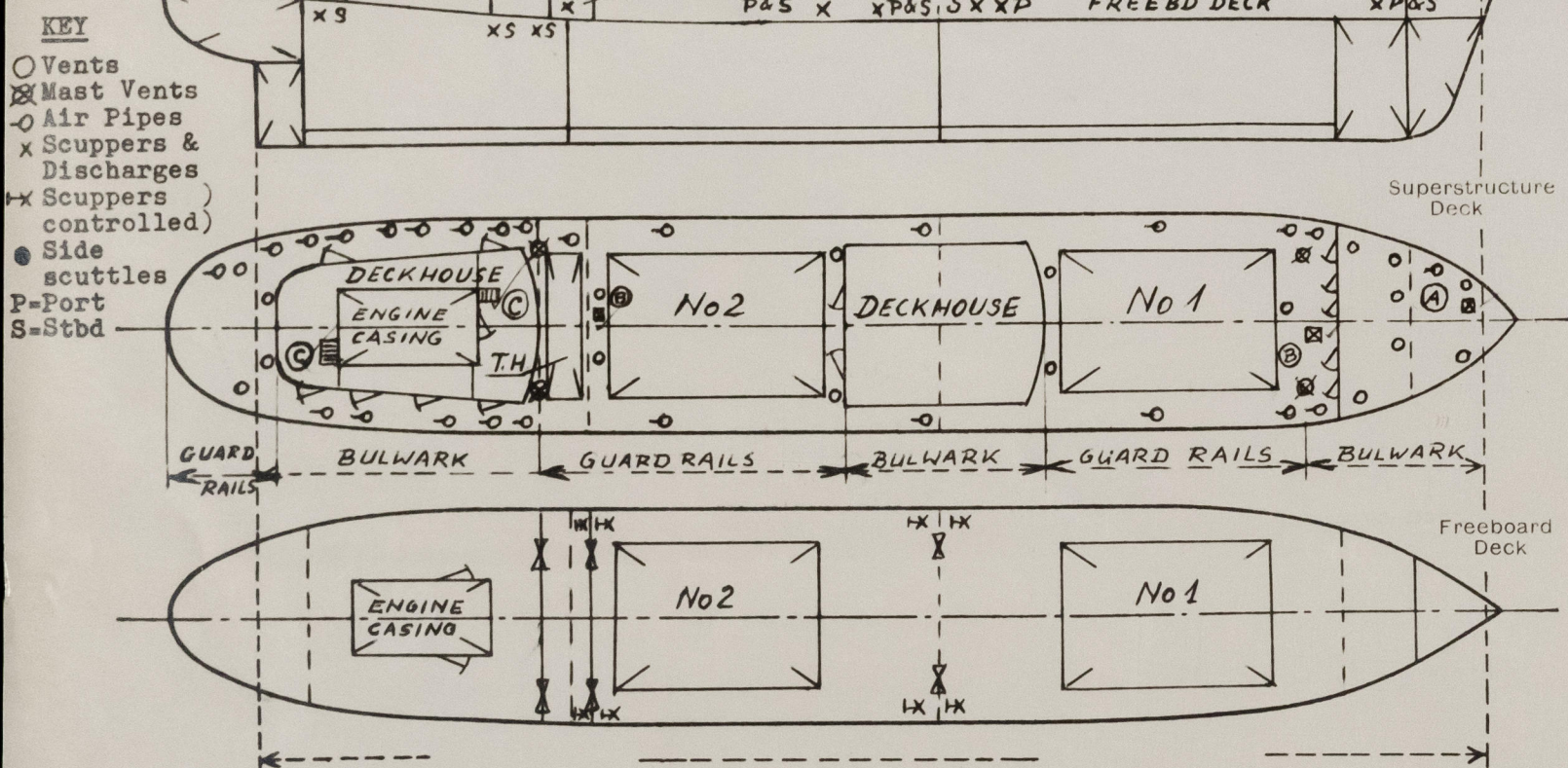
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# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, side scuttles, scuppers, ventilators, companionways, etc., which would affect the seaworthiness of the ship:-



Particulars of fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:-

Funnel, Vent Coamings and E.R. Skylight strongly constructed of steel. Skylight fitted with hinged steel and strong bulls-eye lights.

Particulars of Flush Bunker Scuttles:-

None.

Particulars of Companionways:- On shelterdeck: (A) Companionway to Fore Peak 890x590mm with strong steel coaming (including those incorporated in deckhouses and masthouses) 680x11mm thick and hinged steel WT cover operated both sides, 5mm thick, (B) Companionways to Nos 1&2 'Tweendecks 590x590mm with strong steel coamings 630x11mm thick, and hinged steel WT covers, operated both sides, 5mm thick, secured by toggles. (C) Companionways to Poop incorporated in steel deckhouse with hinged wood (50mm thick) and steel doors operated both sides 1450x650mm, Sill 460 mm.

Particulars of Ventilators in exposed positions on freeboard and superstructure decks:-

2- 500 mm Dia Mast Vents, efficiently stayed  
2- 425x600mm Vents, Coamings 2200x10mm, efficiently stayed  
1- 500 mm Dia Vent, Coaming 970x 10mm, efficiently stayed  
5- 350 mm Dia Vents, Coamings min. 1840x9mm, efficiently stayed  
2- 250 mm Dia Vents, Coamings min. 920 x 8mm, efficiently stayed  
3- 200 mm Dia Vents, Coamings min 900 x 8 mm,  
2- 150 mm Dia Vents, Coamings 915 x 8mm,  
2-100 mm Dia Vents, Coamings 915 x 8 mm,

Vents other than Mast Vents provided with wood plugs and canvas covers.  
Mast Vents provided with fixed mushroom top.

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:-

5- 50mm Dia x 900 mm min. height  
1- 55 mm Dia x 900 mm height  
7- 65mm Dia x 900 mm min. height  
1-80 mm Dia x 900 mm height  
4-100mm Dia x 460 mm min. height

OF Tank air pipes provided with wire gauze. All air pipes fitted with floating wood balls in guides.

Particulars of Gangway Cargo and Coaling Ports:-

None.

Particulars of Scuppers and Sanitary Discharge Pipes:- A) SCUPPERS:-

2-65mm Dia Scuppers (P&S) from shelterdeck led overboard through ship's sides above frbd deck.  
1-125mm Dia Scupper (P&S) from Tonnage Well led to ER bilges with galvanized SD valve controlled from shelterdeck with shut/open indicator.  
3-50 mm Dia Scuppers (P&S) from 'Tweendeck led to Hold bilges with galvanized SD valves controlled from shelterdeck with shut/open indicators.  
1-80 mm Dia Scupper Stbd side from galley and cook's accommodation in after deckhouse led overboard below frbd deck through galvanized steel storm valve.  
3-50 mm Dia Scuppers from 'tweendeck refrigerating compartments aft with upper ends shut by means of threaded plugs led to E.R. bilges.

B). SANITARY DISCHARGES:-

1-50mm Dia discharge Port above frbd deck  
2-100mm Dia discharges Port above frbd deck  
3-100 mm Dia discharges Stbd above frbd deck  
Sanitary discharges from accommodation in fore and midship deckhouse led overboard above frbd deck through galvanized steel storm valves (mentioned above). Sanitary discharges from boat deck Port and upper deck Port led to E.R. sewage tank and thence discharged by bilge or ballast pump.  
2-100mm Dia sanitary discharges Stbd from boat deck Stbd, upper deck Stbd and 'Tweendeck Stbd led overboard below frbd deck through galvanized steel storm valves & steel sluice valves operated from E.R.  
C). CHAIN locker & Steering gear compartment drained overboard by piston hand pumps through NR valves fitted above frbd deck.

Particulars of Side Scuttles and Deadlights:-

Strong sidescuttles with brass frames and hinged brass deadlights fitted in 'tweendeck accommodation aft.

Vertical distance of Sill of lowest Side Scuttle above top of keel None below frbd deck.

Distance from amidships to centre of lowest Side Scuttle

Particulars of Guard Rails and Bulwarks:- Bulwark 1,08 high x 6mm thick with 160x 10mm railbar and 7mm flanged plate stays spaced 1,20m apart, fitted amidships and at ship's ends.  
5 Guard Rails with stanchions 1,28m high spaced 1,20 m apart.

Particulars of Gangways, Lifelines, etc.:- None.

## Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
Shelterdeck	32m	1,08m	None			
Guard rails for a length of 33,8m ( see sketch on page 2)						
State position of each freeing port			After Well:-			
(F. and A. position and height above deck edge)			Forward Well:-			
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:-			None.			
Additional area where sheer is less than standard.						



# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Superstructure deck					Freeboard Deck				
Description of Hatchway	No.1	No.2	T.H. Peak	Fore Access (2)	No.1	No.2	Access No.1H	Access No.2H.	
Dimensions of Hatchway Metres.	9,0x5,5	9,0x5,5	12,3x5,5	0,8x0,59	0,59x0,59	2,0x5,5	12,0x5,5	0,58x0,58	0,59x0,59
COAMINGS	Height above Deck	See sketch "A"	250	680	630	240	230	230	230
	Thickness Sides	11/11	10/8	11/11	11/11	16	16	10/10	10/10
	Stiffeners	See sketch "A"							
	Brackets, Stays	4S1E	4S1E	None	75x50	None			
HATCH BEAMS	Number	7	7	-	-	9	9	-	-
	Spacing	1125	1125	-	-	1200	1200	-	-
	Scantling and Sketch	See sketch "B"		None		See sketch "C"		None	
	Bearing Surface Min.	80	80	-	-	80	80	-	-
FORE AND AFTERS	Number	"A"				"B"		"C"	
	Spacing	10				200		200	
	Unsupported Lengths	FL 85				16		18	
	Scantling* and Sketch	NONE				10		10	
HATCH COVERS	Material	Wood				Wood		Wood	
	Thickness	65				65		65	
	How fitted	F&A				F&A		F&A	
	Bearing Surface	65				65		65	
Spacing of Cleats	600				600		-		-
Number of Tarpaulins	2				2		-		-

Sketch A: Hatchway detail showing dimensions 10, 11, 220, 625, 80, 85, 10, 11, 220, 625, 80, 85.

Sketch B: Hatchway detail showing dimensions 200, 16, 10, 16, 10, 16, 200, 16, 10, 16, 10, 16.

Sketch C: Hatchway detail showing dimensions 200, 18, 10, 18, 200, 18, 10, 18, 200, 18, 10, 18.

\*Are wood fore and afters steel shod at all bearing surfaces? **None.** ✓  
 Are battens and wedges efficient and in good condition? **Yes.** ✓  
 Are tarpaulins in good condition and in accordance with rule requirements? **Yes.** ✓  
 Are lashings provided in accordance with rule requirements? **(Locking bars on hatches Nos 1&2 fitted on Shelterdeck**  
**(T.H. Covers capable of being secured from below with hemp**  
**lashings.**

Particulars of any special features:— (Timber Deck-cargo Fittings, Skylights, Sewage Systems, Ash Ejectors, Rubbish Shoots, etc.)

**Note:-** All above dimensions given in Millimeters unless otherwise stated.



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